

FORM PTO-1449	Atty. Docket No.: S01.12-0643	Serial No.: 09/733,405
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		Applicant:
		Brian Pollock
Filing Date		Group Art:
December 8, 2000		4741 2651

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriated
AA	AA 3,725,764	4/3/73	Oswald	318	629	
AB	AB 3,863,124	1/28/75	Pierce et al.	318	638	
AC	AC 3,914,541	10/21/75	Elliott	178	6.6	
AD	AD 4,030,132	6/14/77	Iftikar et al.	360	78	
AE	AE 4,103,314	7/25/78	Case	360	78	
AF	AF 4,135,217	1/16/79	Jacques et al.	360	77	
AG	AG 4,149,199	4/10/79	Chick et al.	360	77	
AH	AH 4,217,612	8/12/80	Matla et al.	360	78	
AI	AI 4,314,295	2/2/82	Frandsen	360	106	RECEIVED
AJ	AJ 4,329,712	5/11/82	Lang	358	128.5	JUN 30 2003
AK	AK 4,355,266	10/19/82	Pearson	318	85	Technology Center 2600

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
AA	AL	0 130 248 A1	1/9/85	EPO			X
AA	AM	0 540 114 A1	5/5/93	EPO			X
AA	AN	0 549 814 A1	7/93	EPO			X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AA	AO	Recording Properties of Multilayered Thin Film Media, by D.C. Palmer, K.E. Johnson, E.Y. Wu, and J.V. Peske, IEEE Transactions On Magnetics, Vol. 27, No. 5 November 1991, pp. 5307-5309.
AA	AP	Evolution of The Soft Error Rate Model, by P. Hardy and D.J. Malone, IEEE Transactions On Magnetics, Vol. 27, No. 6, November 1991, pp. 5313-5315.
AA	AQ	Error Rate Performance of Experimental Gigabit Per Square Inch Recording Components, by T.D. Howell, D.P. McCown, T.A. Diola, Y. Tang, K.R. Hense, and R.L. Gee, IEEE Transactions On Magnetics, Vol. 26, No. 5, September 1990, pp. 2298-2302.

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DATE CONSIDERED:

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
ATT	BA 4,371,960	2/1/83	Kroiss	369	43	
ATT	BB 4,396,961	8/2/83	Prasad et al.	360	78	
ATT	BC 4,414,589	11/8/83	Oliver et al.	360	77	
ATT	BD 4,456,934	6/26/84	Wedman et al.	360	78	
ATT	BE 4,485,418	11/27/84	Bremmer	360	77	
ATT	BF 4,497,047	1/29/85	Fujiie et al.	369	45	
ATT	BG 4,513,333	4/23/85	Young et al.	360	77	
ATT	BH 4,524,397	6/18/85	Bond	360	75	
ATT	BI 4,562,494	12/31/85	Bond	360	75	RECEIVED
ATT	BJ 4,575,776	3/11/86	Stephens et al.	360	78	
ATT	BK 4,605,977	8/12/86	Matthews	360	103	JUN 30 2003

FOREIGN PATENT DOCUMENTS

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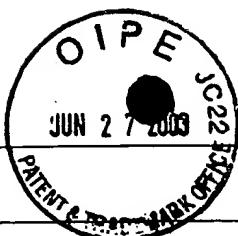
		Document No.	Date	Country	Class	Sub Class	Translation Yes No
ATT	BL	GB 2 060 217 A	4/27/81	United Kingdom	—	—	
ATT	BM	DE 3900683A	1/12/89	Germany	—	—	
ATT	BN	WO 91/06096	5/2/91	PCT	—	—	X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

ATT	BO	A Track Density Model for Magnetoresistive Heads Considering Erase Bands, by J.K. Lee and P.I. Bonyhard, IEEE Transactions On Magnetics, Vol. 26, No. 5, September 1990, pp. 2475-2477.
ATT	BP	Demonstration Of 500 Megabits Per Square Inch With Digital Magnetic Recording, by Roy A. Jensen, Joost Mortelmans, and Robin Hauswitzer, IEEE Transactions On Magnetics, Vol. 26, No. 5, September 1990, pp. 2169 - 2171.
ATT	BQ	IBM's Next Generation Magnetoresistive Heads, 1987

EXAMINER: Andy J. IngleDATE CONSIDERED: 9/30/03

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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		Applicant: Brian Pollock	
		Filing Date December 8, 2000	Group Art: 17412651

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AAJ	CA 4,616,276	10/7/86	Workman	360	77	
AAJ	CB 4,620,244	10/28/86	Krause	360	77	
AAJ	CC 4,620,252	10/28/86	Bauck et al.	360	106	
AAJ	CD 4,633,345	12/30/86	Keener	360	77	
AAJ	CE 4,636,885	1/13/87	Yamada et al.	360	78	
AAJ	CF 4,677,602	6/30/87	Okano et al.	369	32	
AAJ	CG 4,679,103	7/7/87	Workman	360	77	
AAJ	CH 4,697,127	9/29/87	Stich et al.	318	561	
AAJ	CI 4,697,213	9/29/87	Kitamura	360	78	RECEIVED
AAJ	CJ 4,706,250	11/10/87	Patel	371	39	JUN 30 2003
AAJ	CK 4,727,533	2/23/88	Erbert	369	112	Technology Center 2600

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
AAJ	CL	WO 93/06595	4/1/93	WIPO			X
AAJ	CM	WO 97/45833	12/4/97	WIPO			X
AAJ	CN	1,713,268	3/12/91	England			X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

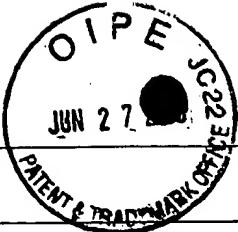
AAJ	CO	Magnetoresistive Read Magnetic Recording Head Offtrack Performance Assessment, by P.I. Bonyhard and J.K. Lee, IEEE Transactions On Magnetics, Vol. 26, November 1990, pp. 2448 - 2450.
AAJ	CP	Design Issues For Practical Rigid Disk Magnetoresistive Heads, by P.I. Bonyhard. IEEE, Transactions On Magnetics, Vol. 26, No. 6, November 1990, pp. 3001 - 3003.
AAJ	CQ	TMR and Squeeze at Gigabit Areal Densities, by Patrick C. Arnett and Don McCown, IEEE Transactions On Magnetics, Vol. 28, No. 4, July 1992, pp. 1984 - 1986.
AAJ	CR	Window-Shifting Mechanism In Data Separator, IBM Technical Disclosure Bulletin, Vol. 30, No. 6, November 1987.

EXAMINER: Andrew J. Higley

DATE CONSIDERED:

9/30/03

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Atty. Docket No.:
S01.12-0643Serial No.:
09/733,405LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION
DISCLOSURE STATEMENT

Applicant:

Brian Pollock

Filing Date

Group Art:

December 8, 2000

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U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
ATJ	DA 4,764,860	8/16/88	Takao	369	43	
ATB	DB 4,786,990	11/22/88	Overton et al.	360	65	
ATC	DC 4,788,608	11/29/88	Tsujisawa	360	77	
ATD	DD 4,791,599	12/13/88	Hethuin et al.	364	728.07	
ATE	DE 4,803,572	2/7/89	Haruna et al.	360	60	
ATF	DF 4,816,938	3/28/89	Cowen et al.	360	75	
ATG	DG 4,822,139	4/18/89	Yshizumi	350	257	
ATH	DH 4,878,135	10/31/89	Makino et al.	360	78.04	
ATI	DI 4,897,840	1/30/90	Weiss et al.	371	40.1	
ATK	DJ 4,924,165	5/8/90	Kohno	318	592	
ATL	DK 4,947,272	8/7/90	Yokozawa	360	77	
ATM	DL 4,956,831	9/11/90	Sarraf et al.	369	32	
ATN	DM 4,965,782	10/23/90	Mathews	369	48	
ATP	DN 5,046,060	9/3/91	Chow et al.	369	44.32	
ATH	DO 5,055,731	10/8/91	Nihei et al.	310	309	
ATQ	DP 5,056,074	10/8/91	Tateishi et al.	369	44.28	
ATR	DQ 5,062,023	10/29/91	Squire	360	78.04	
ATV	DR 5,073,885	12/17/91	Ito et al.	369	44.28	RECEIVED
ATW	DS 5,081,552	1/14/92	Glaser et al.	360	98.01	JUN 30 2003

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) Technology Center 2600

ATJ	DT	U.S. Provisional Patent Application No. 60/170,240 entitled "VIRTUAL TRACKS FOR REPEATABLE RUNOUT (RRO) MANAGEMENT" filed December 10, 1999
ATJ	DU	U.S. Provisional Patent Application No. 60/198,166, entitled 'ECCENTRIC SERVO TRACK REFERENCING" filed April 17, 2000

EXAMINER: Andrew J. ShytleDATE CONSIDERED: 9/26/03

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	Brian Pollock	
	Filing Date	Group Art:
December 8, 2000	1741 2051	

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA	EA 5,089,757	2/18/92	Wilson	318	560	
AA	EB 5,122,718	6/16/92	Sawata	318	621	
AA	EC 5,146,372	9/8/92	Cronch et al.	360	51	
AA	ED 5,161,077	11/3/92	Jabbari	360	106	
AA	EE 5,164,863	11/17/92	Janz	360	57	
AA	EF 5,185,681	2/9/93	Volz et al.	360	77.05	
AA	EG 5,187,620	2/16/93	Notake et al.	360	77.04	
AA	EH 5,189,578	2/23/93	Mori et al.	360	106	
AA	EI 5,197,058	3/23/93	Bell, Jr. et al.	369	44.28	
AA	EJ 5,198,948	3/30/93	Stover et al.	360	124	
AA	EK 5,204,793	4/20/93	Plonczak	360	97.01	
AA	EL 5,216,559	6/1/93	Springer	360	106	
AA	EM 5,233,487	8/3/93	Christensen et al.	360	77.04	
AA	EN 5,241,433	8/31/93	Anderson et al.	360	77.04	
AA	EO 5,247,501	9/21/93	Hashimoto et al.	369	44.11	
AA	EP 5,257,149	10/26/93	Meyer	360	78.14	
AA	EQ 5,270,885	12/14/93	Satoh et al.	360	77.04	
AA	ER 5,274,511	12/28/93	Ikeda	360	55	
AA	ES 5,287,234	2/15/94	Suzuki	360	78.04	
AA	ET 5,287,225	2/15/94	Jorgenson	360	106	RECEIVED
AA	EU 5,299,026	3/29/94	Vincett et al.	358	401	JUN 30 2003

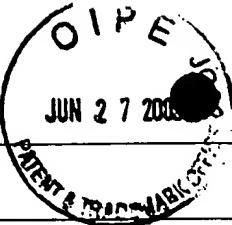
FOREIGN PATENT DOCUMENTS

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AA	EV	"Automated Tuning Concepts for Iterative Learning and Repetitive Control Laws" by R. Longman et al., PROCEEDINGS OF THE 37TH IEEE CONFERENCE ON DECISION AND CONTROL, pgs. 192-198, (August 1998).
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EXAMINER: Andrew J. Hurd DATE CONSIDERED: 9/30/03
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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant:	
	Brian Pollock	
	Filing Date	Group Art:
	December 8, 2000	1741-265

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
RA FA	5,303,105	4/12/94	Jorgenson	360	106	
RA FB	5,305,160	4/19/94	Funches et al.	360	78.07	
RA FC	5,311,378	5/10/94	Williams et al.	360	77.03	
APL FD	5,367,513	11/22/94	Bates et al.	369	44.29	
RA FE	5,379,171	1/3/95	Morehouse et al.	360	10.5	
RA FF	5,400,201	3/21/95	Pederson	360	135	
RA FG	5,404,253	4/4/95	Painter	360	77.04	
RA FH	5,416,658	5/26/95	Sega et al.	360	106	
RA FI	5,444,582	8/22/95	Suzuki	360	78.09	
RA FJ	5,444,583	8/22/95	Ehrlich et al.	360	78.09	
RA FK	5,455,724	10/3/95	Suzuki et al.	360	77.04	
RA FL	5,465,182	11/7/95	Ishikawa	360	75	
RA FM	5,465,183	11/7/95	Hattori	360	78.9	
RA FN	5,521,773	5/28/96	Suzuki et al.	360	77.04	
RA FO	5,521,778	5/28/96	Boutaghous et al.	360	106	
RA FP	5,523,902	6/4/96	Pederson	360	77.80	
RA FQ	5,535,072	7/9/96	Witt et al.	360	99.06	
RA FR	5,539,714	7/23/96	Andres, Jr. et al.	369	44.26	

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FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Technology Center 2600	Translation Yes	Translation No
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EXAMINER: <i>Christopher. Higley</i>	DATE CONSIDERED: <i>9/30/03</i>

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U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA	GA 5,541,784	6/30/96	Cribbs et al.	360	75	
AA	GB 5,550,685	8/27/96	Drouin	360	77.08	
AA	GC 5,553,086	9/3/96	Sompel et al.	371	47.1	
AA	GD 5,576,909	11/19/96	Dierkes et al.	360	78.09	
AA	GE 5,585,976	12/17/96	Pham	360	77.04	
AA	GF 5,602,689	2/11/97	Kadlec et al.	360	78.04	
AA	GG 5,608,586	3/4/97	Sri-Jayantha et al.	360	77.04	
AA	GH 5,610,487	3/11/97	Hutsell	318	560	
AA	GI 5,610,777	3/11/97	Dang et al.	360	77.03	
AA	GJ 5,638,230	6/10/97	Kadlec	360	78.04	
AA	GK 5,646,797	7/8/97	Kadlec et al.	360	75	
AA	GL 5,648,738	7/15/97	Welland et al.	327	307	
AA	GM 5,675,450	10/7/97	Kadlec	360	78.09	
AA	GN 5,677,809	10/14/97	Kadlec	360	78.09	
AA	GO 5,680,272	10/21/97	Kadlec et al.	360	78.04	
AA	GP 5,684,650	11/4/97	Kadlec et al.	360	77.06	
AA	GQ 5,706,265	1/6/98	Bang	369	50	
AA	GR 5,708,581	1/13/98	Martinez	364	164	RECEIVED
AA	GS 5,574,354	5/19/98	Tomita et al Kohchi	360 325	164 105	JUN 30 2003

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FOREIGN PATENT DOCUMENTS

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EXAMINER: andrea j. higby DATE CONSIDERED: 9/30/03

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U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
HA	5,774,294	6/30/98	Fioravanti	360	75	
HB	5,774,297	6/30/98	Hampshire et al.	360	77.04	
HC	5,777,816	7/7/98	Hampshire et al.	360	77.08	
HD	5,793,559	8/11/98	Shepherd et al.	360	78.09	
HE	5,796,535	8/18/98	Tuttle et al.	360	51	
HF	5,796,542	8/18/98	Szeremeta	360	77.02	
HG	5,815,332	9/29/98	Suzuki et al.	360	48	
HH	5,822,147	10/13/98	Kisaka	360	77.08	
HI	5,825,578	10/20/98	Shrinkle et al.	360	77.08	
HJ	5,826,338	10/27/98	Chilton et al.	30	90.1	
HK	5,828,515	10/27/98	Kim	360	78.06	
HL	5,835,300	11/10/98	Murphy et al.	360	77.05	
HM	5,835,302	11/10/98	Funches et al.	360	78.07	
HN	5,844,743	12/1/98	Funches	360	78.04	
HO	5,854,722	12/29/98	Cunningham et al.	360	77.04	
HP	5,883,749	3/16/99	Park	360	75	RECEIVED

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FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Technology Center 2000	Translation Yes	Translation No
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EXAMINER: <i>Andrea Hock</i>	DATE CONSIDERED: 9/30/03

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		Filing Date	Group Art:
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U.S. PATENT DOCUMENTS

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RL	IA 5,886,846	3/23/99	Pham et al.	360	78.04	
RL	IB 5,898,286	4/27/99	Clare et al.	318	569	
RL	IC 5,940,239	8/17/99	Lee et al.	360	77.02	
RL	ID 5,940,240	8/17/99	Kupferman	360	77.08	
RL	IE 5,949,605	9/7/99	Lee et al.	360	77.04	
RL	IF 5,949,608	9/7/99	Hunter	360	78.09	
RL	IG 5,956,201	9/21/99	Pham et al.	360	78.09	
RL	IH 5,969,494	10/19/99	Kang	318	610	
RL	II 5,978,169	11/2/99	Woods	360	77.04	
RL	IJ 5,926,338	7/20/99	Jeon et al.	360	77.04	
RL	IK 5,978,169	11/2/99	Woods	360	77.04	
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